

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,898,168 B2  
APPLICATION NO. : 09/846238  
DATED : May 24, 2005  
INVENTOR(S) : Tohru Kimura et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

\*Claim 15, column 117, line 63, "35vdN." should read --35 > vdN.--.

Claim 18, column 118, line 18, "increase." should read --increases.--.

\*Claim 27, column 119, line 37, "at least part" should read --at least a part--.

\*Claim 28, column 119, line 59, "flu" should read --flux--.

\*Claim 37, column 121, line 3, "to temperature" should read --to a temperature--.

\*Claim 38, column 121, line 13, "movably element" should read --movable element--.

\*Claim 38, column 121, line 21, "element comprise" should read --element comprises--.

\*Claim 44, column 122, line 14, "is beam" should read --is a beam--.

\*Claim 46, column 122, line 24, "right source" should read --light source--.

\*Claim 46, column 122, line 25, "of the information" should read --of the optical information--.

\*Claim 46, column 122, lines 52-53, "comprising ring-shaped" should read  
--comprising a ring-shaped--.

\*Claim 47, column 123, line 14, "to temperature" should read --to a temperature--.

\*Claim 48, column 123, line 53, "more." should read --more,--.

\*Claim 52, column 125, line 34, "to temperature" should read --to a temperature--.

\*Claim 53, column 126, line 17, "to temperature" should read --to a temperature--.

Claim 54, column 126, line 50, "more." should read --more,--.

\*Claim 57, column 127, line 49, "record in" should read --recording--.

\*Claim 58, column 127, line 55, "- - - the k-th" should read -- the k-th--.

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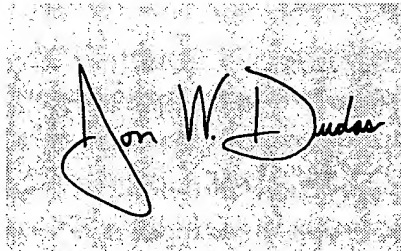
\*Claim 58, column 127, line 60 "(k $\ddot{y}$ i )th" should read --(k-1)th--.

\*Claim 60, column 128, line 30, "in th objective" should read --in the objective--.

\*Claim 66, column 130, line 67, "0.07A $\leq$ 0.5." should read --0.07 < A  $\leq$  0.5--.

Signed and Sealed this

Sixth Day of February, 2007

A handwritten signature in black ink, reading "Jon W. Dudas", is written over a rectangular area with a light gray, textured background.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*